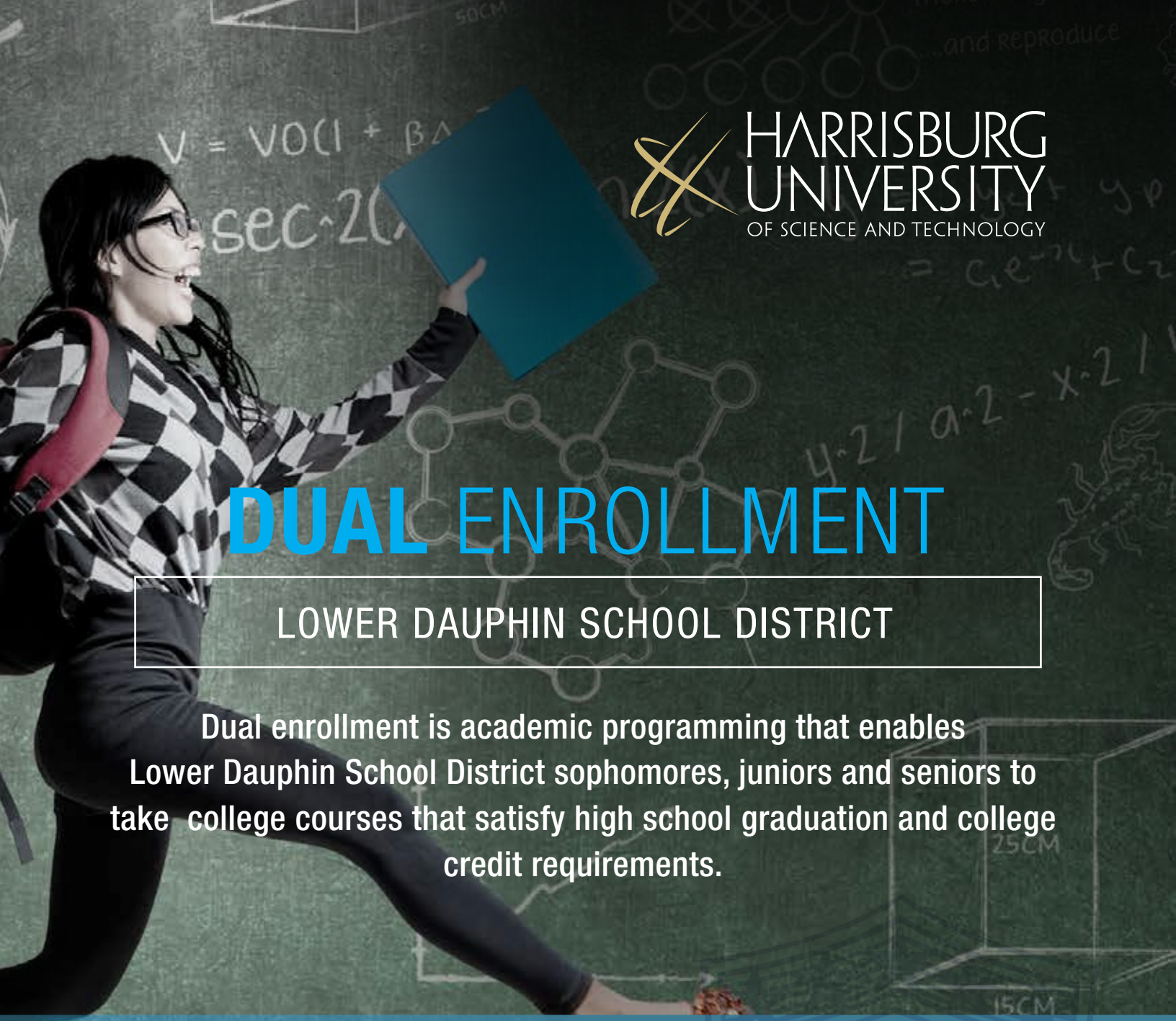

HARRISBURG UNIVERSITY
OF SCIENCE AND TECHNOLOGY

DUAL ENROLLMENT

LOWER DAUPHIN SCHOOL DISTRICT

Dual enrollment is academic programming that enables Lower Dauphin School District sophomores, juniors and seniors to take college courses that satisfy high school graduation and college credit requirements.

RESEARCH ABOUT DUAL ENROLLMENT PROGRAMS

Dual enrollment programs were found to have positive effects on students in the following domains:

- **Degree Attainment** (college) | Dual-enrolled students are more likely to complete a college degree
- **College Access and Enrollment** | Dual-enrolled are students more likely to enroll in a postsecondary institution
- **Credit Accumulation** | Dual-enrolled are students more likely to return to college for their second year
- **Completing High School** | Dual-enrolled are students more likely to graduate from high school on time
- **Academic Achievement (High School)** | Dual-enrolled are students more likely to pass end of courses exams

All of the above factors lead educators to conclude that dual-enrolled students are more likely to be successful college students.

NOTE | U.S. Department of Education, Institute of Education Sciences, What Works Clearinghouse. (2017, February). Transition to College intervention report: Dual Enrollment Programs. Retrieved from http://whatworks.ed.gov

DUAL ENROLLMENT FOR HIGH SCHOOL STUDENTS

WHO IS ELIGIBLE TO TAKE DUAL ENROLLMENT COURSES?

At Harrisburg University, high school sophomores, juniors and seniors are eligible to apply for dual enrollment. We welcome dual-enrolled students from public, private, charter, home and cyber schools.

WHERE ARE DUAL ENROLLMENT CLASSES HELD?

Harrisburg University offers several options for dual enrollment courses:

- Traditional classroom courses at Harrisburg University campus, located in downtown Harrisburg, Pa. during the academic year
- Online courses (limited number)
- Courses offered at select high schools during the academic year

WHAT ARE THE ADVANTAGES OF DUAL ENROLLMENT?

By earning dual enrollment credit, you won't just be preparing for college, you'll be getting a head start on your academic and career goals.

Earning college credit in high school allows the opportunity to create a more flexible schedule as a college student. This will allow more time for other academic or extracurricular interests.

Dual enrollment allows families to save on future college costs by earning college credits at a discounted per-credit rate now.

Dual enrollment courses allow you to experience college life and gain valuable insight of your interests when choosing a major for college.

WHAT IS COLLEGE IN THE HIGH SCHOOL?

The first step is Harrisburg University (HU) interviews and vets a teacher at Lower Dauphin School District (LDSD) as a Corporate (adjunct) Faculty with the University. The second step is conducting a curriculum review of the courses at LDSD to see if the content aligns with any courses at HU. Some adjustments to course material is required, however once completed, the courses at LDSD can count towards credit for courses at HU. Students at LDSD can apply for dual enrollment status while in the course they are enrolled in at the High School.

For example: A student in the AP Biology course at LDSD completes a dual enrollment application with HU. At the end of the school year, if the student has received a C+ or better, they will receive college credit for BIOL 102-03 Intro to Biology and Biology Lab for a total of 4 credits.

WHO IS ELIGIBLE TO TAKE DUAL ENROLLMENT COURSES AT LDSD?

For the courses articulated with LDSD, any student enrolled in the courses outlined in this brochure are eligible to apply for dual enrollment credit.

HOW MUCH DOES DUAL ENROLLMENT COST?

For the courses offered at LDSD, by LDSD instructors, the cost is $100 per credit. For courses taught online, at Harrisburg University's campus, or in any way instructed by HU faculty, the cost is $200 per credit.

WHERE ARE DUAL ENROLLMENT CLASSES HELD?

- The courses outlined in this brochure will take place at LDSD, unless otherwise outlined in the program requirement.
- Traditional classroom courses at Harrisburg University campus, located in downtown Harrisburg, PA during the academic year.
- Online courses (limited number)

WHAT IS THE DEADLINE TO APPLY FOR THE DUAL ENROLLMENT CREDITS?

The deadline will be established by the HU Director of Secondary School Services and communicated to LDSD administrators and counselors, as well as, all students and parents.

WHERE DO I APPLY?

All applications must be completed online using the following link and clicking Apply Now.
https://dualenrollment.HarrisburgU.edu/

You will receive notification once your application is received, and additional information regarding the courses you register for will follow soon thereafter. Any questions regarding registration can be directed to Caitlin Wilkinson, Dual Enrollment and Special Programs Coordinator, at CWilkinson@HarrisburgU.edu

Parents may use funds from their established PA 529 College Savings Program accounts to pay for dual enrollment while their child is in high school.

WHAT ARE THE ADVANTAGES OF DUAL ENROLLMENT?

By earning dual enrollment credit, you wont just be preparing for college, you'll be getting a head start on your academic and career goals.

Earning college credit in high school allows the opportunity to create a more flexible schedule as a college student. This will allow more time for other academic and extracurricular activities.

Dual enrollment allows families to save on future college costs by earning college credits at a discounted per-credit rate.

HARRISBURG UNIVERSITY | **JUST THE FACTS**

- 4-year, private comprehensive university
- **100%** of HU graduates complete internships and applied research – Get real-world experience
- **#1** private university in the nation for awarding scholarships!
- Small classes mean you get to know your professors well
- State-of-the-art, high-tech campus – great prep for the real-world work environment
- Affordable tuition – we keep costs down
- **94%** of graduates surveyed said they were employed in their chosen career field or in graduate school within 6 months of graduation – an HU degree leads to career success
- Diverse student body – **60%** minority; **44%** female

* Figures accurate as of 2020

WHY ENROLL AT **HU?**

When you have the right education and experience, great opportunities open up for you. With a bachelor's degree from HU you'll be ready to become a:

- Cyber security expert
- Pharmaceutical researcher
- Forensic examiner
- Game designer
- Biotechnologist
- Geospatial technologist
- Business analyst
- Chemist
- Or any of a thousand high-tech, high-potential positions available to our graduates.

IS HARRISBURG UNIVERSITY COURSE CREDIT TRANSFERABLE TO OTHER COLLEGES?

Yes, Harrisburg University is an accredited university, so its courses transfer to other institutions. Depending on the college and the course of study, a Harrisburg University course may transfer as a general education course, a major requirement or a free elective. If a student earns a C or higher, the course should transfer.

DOES BEING A DUAL-ENROLLED STUDENT AT HARRISBURG UNIVERSITY GUARANTEE ME ADMISSION TO THE UNIVERSITY?

Yes, if you have successfully passed and received credit for a dual enrollment course from the university and with verification of your high school graduation you are admitted to Harrisburg University.

Choose from these Hot Science and Technology Majors

HARRISBURG UNIVERSITY | HARRISBURG

B.S. ADVANCED MANUFACTURING

B.S. APPLIED MATHEMATICS
- Data Analytics
- Natural Sciences

B.S. BIOTECHNOLOGY
- Food Safety and Quality Assurance
- General Biotechnology
- Medical Biotechnology
- Nanobiotechnology
- Nanobiotechnology and Nanofabrication
- Pharmaceutical Design

B.S. COMPUTER AND INFORMATION SCIENCES

B.S. ENVIRONMENTAL SCIENCE AND SUSTAINABILITY

B.S. ESPORTS MANAGEMENT, PRODUCTION, AND PERFORMANCE

B.S. GEOSPATIAL TECHNOLOGY

B.S. INFORMATION SYSTEMS AND INFORMATION TECHNOLOGIES

B.S. INTEGRATIVE SCIENCES
- Biology
- Biological Chemistry
- Chemistry
- Forensics

B.S. INTERACTIVE MEDIA
- Advanced Media Production
- Purposeful Game Design
- User Experience Design

B.S. MANAGEMENT, ENTREPRENEURSHIP, AND BUSINESS ADMINISTRATION
- Business Analytics
- Digital Health
- Digital Marketing
- Entrepreneurship
- Individualized

INTERESTED IN A MEDICAL CAREER?
Harrisburg University offers programs in Integrative Sciences and Biotechnology to meet the exact requirements of your chosen health professional school.

HARRISBURG UNIVERSITY | PHILADELPHIA

B.S. COMPUTER AND INFORMATION SCIENCES

B.S. ESPORTS MANAGEMENT, PRODUCTION, AND PERFORMANCE

B.S. INFORMATION SYSTEMS AND INFORMATION TECHNOLOGIES

B.S. INTERACTIVE MEDIA
- Advanced Media Production
- Purposeful Game Design

B.S. MANAGEMENT, ENTREPRENEURSHIP, AND BUSINESS ADMINISTRATION

Academic programs, admission and matriculation requirements, and student eligibilities are subject to change.

LDSD/HU
PROGRAM OF STUDY

HARRISBURG UNIVERSITY
OF SCIENCE AND TECHNOLOGY

BIOLOGY

BIOL 102 General Biology

3 Semester Hours
Prerequisites: None
Corequisites: BIOL 103

Instructor at Lower Dauphin School District: Sarah Goodman
LDSD Course: AP Biology

This course introduces the student to the major themes of biology, including properties of living organisms, comparison of eucaryotes vs. procaryotes, patterns of inheritance, the central dogma, mitosis and meiosis, the diversity of life in both plants and animals, classification of organisms, evolution, metabolism, photosynthesis, cell structures, basic structure of the body, infectious disease, the Hardy-Weinberg principle, biodiversity, ecosystems, and the biosphere. A broad understanding of biology and living organisms in the biosphere is developed through hands-on, multi-modal engaged learning opportunities in both the classroom and the companion laboratory component.

BIOL 103 General Biology Laboratory

1 Semester Hour
Prerequisites: None
Corequisites: BIOL 102

Instructor at Lower Dauphin School District: Sarah Goodman
LDSD Course: AP Biology

Companion laboratory component that demonstrates the major themes of biology presented in BIOL 102.

CHEMISTRY

CHEM 151 General Chemistry I Lecture

3 Semester Hours
Corequisites: CHEM 152

Instructor at Lower Dauphin School District: Tom Hanninen
LDSD Course: AP Chemistry

This course provides a general introduction to atoms and molecules, stoichiometry, states of matter, solutions, reactions, kinetics and equilibrium which serve as a prerequisite for advanced courses.

CHEM 152 General Chemistry I Laboratory

1 Semester Hour
Prerequisites: MATH 120 or MATH 220
Corequisites: CHEM 151

Instructor at Lower Dauphin School District: Tom Hanninen
LDSD Course: AP Chemistry

Companion laboratory component that illustrates the general introduction to atoms and molecules, stoichiometry, states of matter, solutions, reactions, kinetics and equilibrium which serve as a prerequisite for advanced courses.

CHEM 161 General Chemistry II

3 Semester Hours
Prerequisites: C or higher in CHEM 151-152 or permission of instructor
Corequisites: CHEM 162

Instructor at Lower Dauphin School District: Tom Hanninen
LDSD Course: AP Chemistry

A study of chemical principles including acid/base chemistry, bonding, thermodynamics and electrochemistry.

CHEM 162 General Chemistry II Laboratory

1 Semester Hour
Prerequisites: C or higher in CHEM 151-152 or permission of instructor
Corequisites: CHEM 161

Instructor at Lower Dauphin School District: Tom Hanninen
LDSD Course: AP Chemistry

Companion laboratory component that illustrates the study of chemical principles including acid/base chemistry, bonding, thermodynamics and electrochemistry.

LDHS/HU
PROGRAM OF STUDY

HARRISBURG UNIVERSITY
OF SCIENCE AND TECHNOLOGY

COMPUTER AND INFORMATION SCIENCES

CISC 103 Introduction to Computers & Information Sciences

4 Semester Hours
Prerequisites: None

Instructor at Lower Dauphin School District: Nancy Kiscadden
LDSD Courses: Computer Science
Computer Programming 1, Computer Programming 2

This course serves as an introduction to computing and information systems. It uses both lecture and laboratory practice to introduce students to the use of computers to solve problems. The student is presented the techniques, concepts, analysis, and reports on experiences and technologies and trends. This includes the concepts of hardware, software, networking, computer security, programming, database, e-commerce, decision support systems, and other emerging technologies. The student is introduced to techniques that search, evaluate, validate, and cite information found online. Widely-used applications including word processing, spreadsheets, databases, presentation, and web development software are also studied.

CISC 120 Fundamentals of Computing

4 Semester Hours
Prerequisites: None

Instructor at Lower Dauphin School District: Nancy Kiscadden
LDSD Course: AP Computer Science

This course introduces the concepts and techniques of computer programming. Emphasis is placed on developing the student's ability to apply problem-solving strategies to design algorithms and to implement these algorithms in a modern, structured programming language. Topics include fundamental programming constructs, problem solving techniques, simple data structures, Object-Oriented Programming (OOP), program structure, data types and declarations, control statements, algorithm strategies and algorithm development.

ENGLISH

COMM 110 Speech

3 Semester Hours
Prerequisites: None

Instructor at Lower Dauphin School District: Alicia Morgret
LDSD Course: Public Speaking

This course builds on the skills acquired in ENGL 105 or ENGL 106. The student continues to study the process of effective communication, based on an understanding of purpose and audience using speaking techniques such as enunciation and modulation. The student builds an understanding of the basic skills needed to communicate across disciplines.

ENGL 105 College Composition

3 Semester Hours
Prerequisites: None

Instructor at Lower Dauphin School District: Melanie Wenger
LDSD Course: AP Language and Composition

This first-year composition course is an introduction to college-level writing strategies. By reading various writing styles and genres, the student will contemplate how purpose and audience guide the writing process. Writing assignments are to be completed according to a deadline with a goal of improving style, grammar, and diction.

ENVIRONMENTAL SCIENCE

ENVS 101 Introduction to Environmental Science

4 Semester Hours
Prerequisites: None

Instructor at Lower Dauphin School District: Elizabeth Kirman
LDSD Course: AP Environmental Science

Environmental science is the study of natural ecosystems, human impacts on the environment, and sustainable management of the Earth's resources. Processes of the physical and biological environment are used as a basis for consideration of current environmental topics. Other areas covered include: energy consumption and global warming, water and air pollution, waste management, impacts of deforestation on biodiversity and other environmental changes occurring on a global scale.

INTERACTIVE MEDIA

IMED 170 Visual Design Fundamentals

4 Semester Hours
Prerequisites: COMM 225

Instructor at Lower Dauphin School District: Michael James
LDSD Course: Computer Graphic Design

This course introduces the basic concepts of design or print and time-based digital media. The principles of composition and color the
ry, and how these are affected by movement, duration and display, are covered. Vector and bitmap manipulation tools are
explored in relation to graphic production across the design fields.

LDHS/HU
PROGRAM OF STUDY

MANAGEMENT AND eBUSINESS

MEBA 110 Introduction to eBusiness Management

3 Semester Hours
Prerequisites: None

Instructor at Lower Dauphin School District: Amanda Mease
LDSD Course: Personal Finance/Careers

This course introduces the basic concepts of conducting and managing business through a large number of real-life case studies and examples. Modern enterprises and the evolution of those enterprises through adoption of the Internet and Web technologies are examined. The student is exposed to different models such as eBusiness, eCommerce, eGovernment, eMarketing, eManagement, eProcurement and eSupply chains.

MEBA 230 Marketing

3 Semester Hours
Prerequisites: None

Instructor at Lower Dauphin School District: Amanda Mease
LDSD Course: Marketing OR Sports Marketing

The student is provided with analytical tools to understand and synthesize the most current applications of theories and concepts in marketing. The student is shown how to design strategic planning for competitive advantage in the marketplace and is encouraged to explore the essence of marketing environment and the global vision for business marketing. Topics such as consumer and business marketing, segmentation, support systems in marketing, product concepts and management, marketing channels and supply chain management are explored.

MEBA 201 Independent Study

1 to 4 Semester Hours
Prerequisites: None

Instructor at Lower Dauphin School District: Amanda Mease
LDSD Course: Independent Study

This course is designed for the student who demonstrates an interest in an area of study not offered or who wishes to pursue a discipline in greater depth than possible through existing courses. An independent study counts as an elective and may not be used for accelerated or remedial credit. A learning contract between the student and instructor defines the responsibilities of the parties and specifies the learning objectives and standards for successful completion of the project. A calendar of meeting times and deadlines shall be a part of that contract.

MATH

MATH 280 Introductory Statistics

3 Semester Hours
Prerequisites: MATH 120 or MATH 220

Instructor at Lower Dauphin School District: Christina Watkins
LDSD Course: AP Statistics

This course covers elementary topics from the probability and statistics of both discrete and continuous random variables. Topics include independence and dependence, mean, variance and expectation, and distributions of random variables. Statistics is applied to hypothesis testing. This course provides the student with a broad, general knowledge and understanding of statistics. The emphasis of this course is on the utility and practical application of statistics rather than on the mathematical derivation of statistical principles.

HARRISBURG UNIVERSITY
OF SCIENCE AND TECHNOLOGY

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Dual Enrollment and Special Programs Coordinator
https://reghelp.HarrisburgU.edu | 717.901.5136

Apply at: https://dualenrollment.HarrisburgU.edu/

www.Facebook.com/HarrisburgU | www.Twitter.com/HarrisburgU

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HU_September 2020